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PCT09

RAW SEQUENCE LISTING

DATE: 01/27/2003

PATENT APPLICATION: US/09/937,187A

TIME: 13:17:37

Input Set : A:\NEB-164PUS.ST25.txt

Output Set: N:\CRF4\01272003\I937187A.raw

3 <110> APPLICANT: Sandman, Karen E.
4 Noren, Christopher J.
6 <120> TITLE OF INVENTION: Surface Display of Selenocysteine-Containing Peptides
8 <130> FILE REFERENCE: NEB-164-PUS
10 <140> CURRENT APPLICATION NUMBER: 09/937,187A
11 <141> CURRENT FILING DATE: 2001-09-21
13 <150> PRIOR APPLICATION NUMBER: PCT/US00/13292
14 <151> PRIOR FILING DATE: 2000-05-12
16 <150> PRIOR APPLICATION NUMBER: 60/134,286
17 <151> PRIOR FILING DATE: 1999-05-14
19 <160> NUMBER OF SEQ ID NOS: 42
21 <170> SOFTWARE: PatentIn version 3.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 38
25 <212> TYPE: RNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Synthetic
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33 <222> LOCATION: (1)..(2)
34 <223> OTHER INFORMATION: N=A, G, C or U
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <222> LOCATION: (4)..(5)
40 <223> OTHER INFORMATION: N=A, G, C or U
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44 <221> NAME/KEY: misc_feature
45 <222> LOCATION: (7)..(8)
46 <223> OTHER INFORMATION: N=A, G, C or U
49 <220> FEATURE:
50 <221> NAME/KEY: misc_feature
51 <222> LOCATION: (10)..(11)
52 <223> OTHER INFORMATION: N=A, G, C or U
55 <220> FEATURE:
56 <221> NAME/KEY: misc_feature
57 <222> LOCATION: (16)..(17)
58 <223> OTHER INFORMATION: N=A, G, C or U
61 <220> FEATURE:
62 <221> NAME/KEY: misc_feature
63 <222> LOCATION: (19)..(20)
64 <223> OTHER INFORMATION: N=A, G, C or U
67 <220> FEATURE:

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69 <222> LOCATION: (22)..(23)
70 <223> OTHER INFORMATION: N=A, G, C or U
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74 <221> NAME/KEY: misc_feature
75 <222> LOCATION: (3)..(3)
76 <223> OTHER INFORMATION: K=G or U
79 <220> FEATURE:
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81 <222> LOCATION: (6)..(6)
82 <223> OTHER INFORMATION: K=G or U
85 <220> FEATURE:
86 <221> NAME/KEY: misc_feature
87 <222> LOCATION: (9)..(9)
88 <223> OTHER INFORMATION: K=G or U
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (12)..(12)
94 <223> OTHER INFORMATION: K=G or U
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <222> LOCATION: (18)..(18)
100 <223> OTHER INFORMATION: K=G or U
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (21)..(21)
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111 <222> LOCATION: (24)..(24)
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121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: synthetic
127 <400> SEQUENCE: 2
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131 <210> SEQ ID NO: 3
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic
139 <400> SEQUENCE: 3
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144 <211> LENGTH: 24
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
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155 <210> SEQ ID NO: 5
156 <211> LENGTH: 24
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
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161 <223> OTHER INFORMATION: Synthetic
163 <400> SEQUENCE: 5
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167 <210> SEQ ID NO: 6
168 <211> LENGTH: 24
169 <212> TYPE: DNA
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173 <223> OTHER INFORMATION: Synthetic
175 <400> SEQUENCE: 6
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179 <210> SEQ ID NO: 7
180 <211> LENGTH: 24
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182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetic
187 <400> SEQUENCE: 7
188 aaggctctgt gttgacagga ttcg 24
191 <210> SEQ ID NO: 8
192 <211> LENGTH: 24
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Synthetic
199 <400> SEQUENCE: 8
200 cttcttccgt gttgagctca gccg 24
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204 <211> LENGTH: 24
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic
211 <400> SEQUENCE: 9
212 catcatccga cttgagctaa gcag 24
215 <210> SEQ ID NO: 10

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229 <212> TYPE: DNA
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233 <223> OTHER INFORMATION: Synthetic
235 <400> SEQUENCE: 11
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239 <210> SEQ ID NO: 12
240 <211> LENGTH: 24
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242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Synthetic
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251 <210> SEQ ID NO: 13
252 <211> LENGTH: 24
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Synthetic
259 <400> SEQUENCE: 13
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263 <210> SEQ ID NO: 14
264 <211> LENGTH: 24
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Synthetic
271 <400> SEQUENCE: 14
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275 <210> SEQ ID NO: 15
276 <211> LENGTH: 24
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Synthetic
283 <400> SEQUENCE: 15
284 ttgccgcgtc agtgatggtc tccg 24
287 <210> SEQ ID NO: 16
288 <211> LENGTH: 24

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290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Synthetic
295 <400> SEQUENCE: 16
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299 <210> SEQ ID NO: 17
300 <211> LENGTH: 24
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Synthetic
307 <400> SEQUENCE: 17
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311 <210> SEQ ID NO: 18
312 <211> LENGTH: 24
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic
319 <400> SEQUENCE: 18
320 aagttggctc gttgatcggc gtcg 24
323 <210> SEQ ID NO: 19
324 <211> LENGTH: 24
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic
331 <400> SEQUENCE: 19
332 aatggggcgc agtgatcgag gcat 24
335 <210> SEQ ID NO: 20
336 <211> LENGTH: 24
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Synthetic
343 <400> SEQUENCE: 20
344 gcgagtccta cttgatttaa gccg 24
347 <210> SEQ ID NO: 21
348 <211> LENGTH: 24
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Synthetic
355 <400> SEQUENCE: 21
356 tgtgctcatc cgtgatctac tcgt 24
359 <210> SEQ ID NO: 22
360 <211> LENGTH: 24
361 <212> TYPE: DNA

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/937,187A

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Input Set : A:\NEB-164PUS.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1,2,4,5,7,8,10,11,16,17,19,20,22,23
Seq#:28; Xaa Pos. 5
Seq#:32; Xaa Pos. 5
Seq#:33; N Pos. 37,38,40,41,43,44,49,50,52,53,55,56,58,59
Seq#:34; N Pos. 37,38,40,41,43,49,50,52,53,55,56,58,59
Seq#:40; N Pos. 7,8,10,11,13,14,16,17,19,20,22,23,25,26
Seq#:41; Xaa Pos. 3,4,5,6,7,8,9,10

VERIFICATION SUMMARY

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Input Set : A:\NEB-164PUS.ST25.txt

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L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0